



2877

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Frost et al. Attorney Docket No: BIOL0017
Serial No: 09/976,237 Group Art Unit: 2877
Filed: October 12, 2001 Examiner:
Title: METHOD AND APPARATUS FOR READING REPORTER LABELED BEADS

AMENDMENT TRANSMITTAL LETTER

Bellevue, Washington 98004

September 13, 2002

TO THE DIRECTOR OF THE PATENT AND TRADEMARK OFFICE:

Transmitted herewith is a second Preliminary Amendment in the above-identified patent application. No additional claim fee is required, as shown below. Please charge any additional fees or credit any overpayment to Deposit Account No. 01-1940. A copy of this sheet is enclosed.

<u>Computation of Fee For Claims as Amended</u>					
	<u>Claims Remaining after Amendment</u>	<u>Highest Number Previously Paid For</u>	<u>Present Extra</u>	<u>Rate</u>	<u>Additional Fee</u>
Total Claims	59	59	-0-	x \$9	-0-
Independent Claims	9	9	-0-	x \$42	-0-
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					-0-

Respectfully submitted,

Ron Anderson

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Registration No. 28,829

I hereby certify that this correspondence is being deposited with the U.S. Postal Service in a sealed envelope as first class mail with postage thereon fully prepaid addressed to: Director of Patents and Trademarks, Arlington, VA 22202, on September 13, 2002.

Date: September 13, 2002

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
Applicants: Frost et al. Attorney Docket No: BIOL001
Serial No: 09/976,237 Group Art Unit: 2877
Filed: October 12, 2001 Examiner:
Title: METHOD AND APPARATUS FOR READING REPORTER LABELED BEADS

PRELIMINARY AMENDMENT

Bellevue, Washington 98004

August 28, 2002

TO THE COMMISSIONER OF PATENTS AND TRADEMARKS:

Please amend the above-identified patent application as noted below in the clean and marked-up version of the amendments. As originally filed the application included only one claim. The amendment is being filed to correct an error in Claim 1 and to add additional claims. A clean version of the amendments is shown below. A marked-up copy of the amendments follows this response and is entitled MARKED-UP VERSION OF THE AMENDMENTS.

CLEAN VERSION OF THE AMENDMENTS

AMENDMENT TO THE CLAIMS

AMENDMENT TO THE CLAIMS

09/06/2002 GGBREG1 00000092 09976237

In the Claims:

01 FC:203
02 FC:202

351.00 OP
252.00 OP

Please amend Claim 1 as follows:

1. (Amended) A method for imaging and decoding a plurality of encoded beads comprising the steps of:

- (a) collecting light from an encoded bead along a collection path;
- (b) dispersing the light that is traveling along the collection path into a plurality of light beams, as a function of a plurality of different discriminable characteristics of the light;
- (c) focussing each of the plurality of light beams to produce a respective image corresponding to that light beam, thereby generating a plurality of images, each image being indicative of an identity of said encoded bead;
- (d) detecting the plurality of images;
- (e) analyzing the plurality of images to determine the identity of said encoded bead; and
- (f) repeating steps (a)-(e) for successive encoded beads from the plurality of encoded beads.

Please add new Claims 2-59 as follows:

--2. The method of Claim 1, wherein the step of dispersing comprises the steps of dividing the light into the plurality of light beams as a function of a wavelength.